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(54) CONDENSED HETEROCYCLIC COMPOUND

31.05.1996

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a new compound that has excellent blood sugar reductive action, etc., and is useful for improving such symptoms as insulin resistance, hyperlipidemia, hyperglycemia, gestational diabetes, adiposity, giucose tolerance insufficiency, diabetic complications, arteriosclerosis, cataract, polysistic ovary

04.03.1998

syndrome, etc. SOLUTION: This new compound of formula I (X is a benzimidazole ring, Y is O or S; Z is thiazolidine-2,4-dion-5-ylmethyl, etc.; R is H, a 1-4C alkyl, a halogen, etc.; (m) is 1-5), e.g. 5-[4-(1-methylbenzimidazole-2-ylmethoxy)benzyl] thiazoline-2,4-dion, is obtained by reducing a compound of formula II (R' is a 1-5C alkyl), and then by a photoreaction of the reduced compound, or by a catalytic hydrogenation of the compound of formula II. This new compound has aldose reductase inhibitory action, 5-

X-(CH2-1-100% B

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lipoxygenase inhibitory action and peroxympid formation-inhibitory action.

LEGAL STATUS

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